The nutritional value of dried coffee pulp (DCP) i	n broiler chickens' diets
A. Donkoh, C.C. Atuahene, A.G. Kese and B. M.	
Amino acids flow to and absorption from the small	
dioxide-treated straw at different ratios	,, ,, ,
D. Ben-Ghedalia and R. Solomon (Bet Dagan,	Israel) 147
Colonization of guinea grass by anaerobic rumen for	ungi in swamn huffalo and cattle
Y.W. Ho, N. Abdullah and S. Jalaludin (Selang	zor Malaysia) 161
11111 110, 111 110 daniel died of outdoor (bolding	,01, 11244, 014, 1111111111111111111111111111111
Short Communication	
Digestibility in vivo of ensiled grapevines (branch	es and leaves): influence of the system
of analysis in the detergent fibre scheme on the	
A. Rebolé, P. Alvira and G. González (Madrid,	
in 100000, 1 i ii i ii a ai a oi oonbaleb (ii aaai a,	
VOL. 22 NO. 3	JANUARY 1989
Feed intake and milk yield at increasing suppleme	nt of a palmitic and stearic acid-rich
type of fat in comparison with animal fat	
J.E. Hermansen (Tjele, Denmark)	
Feed intake, milk yield and milk composition by re	eplacing unprotected fat by Ca-soaps for
dairy cows	
J.E. Hermansen (Tjele, Denmark)	193
An evaluation of skim milk powders subjected to d	lifferent heating conditions during
processing as dietary protein sources for the yo	
P.J. Moughan, M.N. Wilson, C.H.M. Smits an	d W.C. Smith (Palmerston North,
New Zealand)	203
Nutritive value of diets containing triticale and va	rying mixtures of triticale and maize for
growing-finishing swine	
R.O. Myer, R.D. Barnett, J.A. Cornell and G.E	. Combs (Marianna, FL, U.S.A.)217
Effects of added dietary urea on the utilization of	maize stover silage by growing beef
cattle	
A.M. Adamu, J.R. Russell, A.D. McGilliard an	d A. Trenkle (Ames, IA, U.S.A.)227
The nutritive value of ensiled forages cut at three	
S.V. Sarwatt, M.A. Mussa and J.A. Kategile (1	Morogoro, Tanzania)237
SO ₂ -treated Straw as a Silage additive: fermentati	on data on lucerne with particular
reference to protein degradation	
D. Ben-Ghedalia and E. Yosef (Bet Dagan, Isr	ael)247
SO ₂ -treated straw as a silage additive: the particip	pation of soluble and cell wall
monosaccharide residues in lucerne silage ferm	entation
D. Ben-Ghedalia and E. Yosef (Bet Dagan, Isr	ael)255
Short Communication	
A comparison of wheat- or barley-based diets give	n ad libitum as meal or pellets to
finishing pigs	•
N. Walker (Hillsborough, Gt. Britain)	263
Book Review	
Rumen studies	269
A	971

VOL. 22 NO. 4

MARCH 1989

The effect of fat level and type on the utilization of triticale (cultivar Carman) by broiler chicks
A.K. Al-Athari (Pullman, WA, U.S.A.) and W. Guenter (Winnipeg, Man., Canada) 273
The nutritive value of tamarind seeds for broiler chicks
S. Panigrahi, B. Bland and P.M. Carlaw (Culham, Gt. Britain)
Effect of soaking, ensilage and hydrogen peroxide treatment of barley straw on rumen degradability
P.K. Bhargava, E.R. Ørskov and T.K. Walli (Aberdeen, Gt. Britain)
Effect of ammoniation and energy supplementation on the utilization of wheat straw by sheep
J. Zorrilla-Rios, G.W. Horn and R.W. McNew (Stillwater, OK, U.S.A.)
Nutritive value of pungam (Pongamia glabra Vent) cake for sheep
D. Chandrasekaran, R. Kadirvel and K. Viswanathan (Madras, India)
Nutritive value of banana stalk (Musa cavendishi) as a feed for sheep
K. Viswanathan, R. Kadirvel and D. Chandrasekaran (Madras, India)32
Comparison of cottonseed cake and dried blood as nitrogen sources for growing Sudan Nubian goats
A.E. El-Tayeb, F.M. Abdel-Raheim and A.M. Awadel-Kareim (Khartoum North,
Sudan)
A titration method for silage assessment
T. Moisio and M. Heikonen (Helsinki, Finland)
Book Reviews
Beta-agonists
Feed science
Author Index

